



Ph: 502-394-3840 Fax: 502-426-9778 Toll Free: 1-800-513-6691

Project Office: Forum Office Park III, 305 N. Hurstbourne Parkway, Suite 100, Louisville, KY 40222

August 12, 2011

Mr. Tim Hafner
Acting State Conservationist
Natural Resources Conservation Service
US Department of Agriculture
771 Corporate Drive, Suite 210
Lexington, Kentucky 40503

Re: Louisville – Southern Indiana Ohio River Bridges
Project

Dear Mr. Hafner:

The Federal Highway Administration (FHWA), in cooperation with the Indiana Department of Transportation (INDOT) and the Kentucky Transportation Cabinet (KYTC) is preparing a Supplemental Environmental Impact Statement (SEIS) for the proposed construction of two new Ohio River bridge crossings. One is located in the vicinity of Prospect, KY and Utica, Indiana and will include the necessary approaches to connect the Gene Snyder Freeway (KY 841) in Kentucky to Indiana SR 265. The second bridge is located in the Jeffersonville, Indiana and Louisville, Kentucky areas and will include the reconstruction of the Kennedy Interchange in Louisville and the necessary approaches on I-65 in Jeffersonville. A Notice of Intent for the SEIS was published in the *Federal Register* on February 15, 2011.

The Selected Alternative as identified in the FEIS/ROD includes two new bridges over the Ohio River. One is located in Downtown Louisville, crossing into Jeffersonville, Indiana; the second is located in the East End area (approximately six miles upstream from the downtown bridge) in northeastern Jefferson County, Kentucky and crossing into Clark County, Indiana.

The original EIS was prepared for the project between 1998 – 2003 and resulted in the issuance of a Final EIS on April 8, 2003 and a Record of Decision (ROD) on September 6, 2003. The states are preparing the SEIS for the project because of the passage of time since the approval of the original FEIS/ROD, an identified need for tolling revenues in funding the project through the Metropolitan Transportation Planning process, and the need to evaluate cost saving measures in the design of the selected alternative. The lead agencies intend to examine three alternatives in the SEIS:

- The Selected Alternative, as approved in the FEIS/ROD, without tolls



www.kyinbridges.com



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NRCS Early Coordination Letter

- A modified version of the selected alternative with tolls. The modified Two Bridges/Highway Alternative will include reducing the East End Bridge, Roadway and tunnel from six lanes to four lanes with the option to add two lanes when traffic demands warrant; reconstruction the Kennedy Interchange in Downtown Louisville in-place; and removing a pedestrian/bikeway facility from the Downtown Bridge.
- No Build

The SEIS will review the decisions that were made following the preparation of the original EIS taking into account current information and regulations.

At this time, we are initiating early coordination with your office for the SEIS. In correspondence dated August 10, 2011 from Ms. Janice Osadczuk, Engineering Services Team Leader - FHWA, a *Draft Range of Alternatives Document (August 5, 2011)* was mailed to you; a copy is also attached. It contains a detailed description of the alternatives under consideration. To supplement this information, attached is NRCS-CPA-106 for Corridor Type Projects, including a Project Study Area map and aerial photograph showing the proposed alignment and right-of-way. On this form, Corridor A is the Selected Alternative and Corridor B is the Modified Alternative. Corridors A and B reflect only the East End alternatives as these are the only alignments that would impact agricultural areas. There is no anticipated impact of either alternative upon agricultural acreages in the Downtown, as these alternatives fall wholly within the urban area boundary of Louisville; refer to Figure 3 of the *Draft Range of Alternatives Document*.

As part of this early coordination effort, you are asked to study the enclosed information and provide an assessment of potential project impacts upon those resources within your jurisdiction. You are asked to return a reply by September 12, 2011. After this date, your response will be used in the continuing development of the SEIS. Your cooperation is appreciated. If you have any questions, or if we can be of any further assistance, please do not hesitate to contact this office.

Very truly yours,
CTS-GEC

Jeffrey A. Vlach
Environmental Commitments Manager

CC: File



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**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 8/12/11	4. Sheet 1 of 1	
1. Name of Project Ohio River Bridges		5. Federal Agency Involved US DOT - FHWA		
2. Type of Project New Road Construction		6. County and State Jefferson County, Kentucky		
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form	
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☐ NO ☐		4. Acres Irrigated Average Farm Size		
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: %	7. Amount of Farmland As Defined in FPPA Acres: %		
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS		

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment <u>East End Kentucky</u>			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	65	65		
B. Total Acres To Be Converted Indirectly, Or To Receive Services	0	0		
C. Total Acres In Corridor	65	65		

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland				
B. Total Acres Statewide And Local Important Farmland				
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted				
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value				

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)				

PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points				
1. Area in Nonurban Use	15	5	5		
2. Perimeter in Nonurban Use	10	2	2		
3. Percent Of Corridor Being Farmed	20	20	20		
4. Protection Provided By State And Local Government	20	0	0		
5. Size of Present Farm Unit Compared To Average	10	10	10		
6. Creation Of Nonfarmable Farmland	25	0	0		
7. Availability Of Farm Support Services	5	5	5		
8. On-Farm Investments	20	20	20		
9. Effects Of Conversion On Farm Support Services	25	0	0		
10. Compatibility With Existing Agricultural Use	10	0	0		
TOTAL CORRIDOR ASSESSMENT POINTS	160	62	62	0	0

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	0	0	0	0
Total Corridor Assessment (From Part VI above or a local site assessment)	160	62	62	0	0
TOTAL POINTS (Total of above 2 lines)	260	62	62	0	0

1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☐
5. Reason For Selection:			

Signature of Person Completing this Part:

DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

NO SCALE



United States Department of Agriculture



Natural Resources Conservation Service
3032 Alvey Park Drive West, Suite 2
Owensboro, KY 42303

Phone: (270) 685-1707 ext.131
Fax: (270) 926-7808

August 31, 2011

Jeffrey A. Vlach
The Ohio River Bridges
Forum Office Park III
305 N. Hurstbourne Parkway, Suite 100
Louisville, KY 40222

Mr. Vlach:

Enclosed with this letter please find the CPA-106 form and documentation for the FPPA rating for the Ohio River Bridge project at the East End Kentucky site near Prospect, Kentucky. From the enclosed maps and the Supplemental Environmental Impact Statement (SEIS) that I received, it was determined that only 5.3 acres of farmland would be converted for this project. A width of 150 feet was used to calculate the acreage of the proposed roadway. The enclosed CPA-106 had 65 acres for the entire corridor. I changed the acreage on the CPA-106 from 65 to 5.3 to reflect this, as the remaining 59.7 acres should be considered as non-farmland or prior converted since it was already converted or woodland.

As mentioned in your cover letter to NRCS, the other proposed bridge site in downtown Louisville is to be considered prior converted as it is within the city limits and already has been converted.

Enclosed you will find two soils maps, one of the entire length of the proposed roadway, and the second of just the area that is considered to be affected by this project and going to be converted. According to the proposed plan, very little prime farmland will be affected (4.4 acres), and seems to be a good choice of a route for the road as a minimal amount of prime or statewide important soils are being affected.

Also enclosed you will find a hydric soils map that shows where potential wetlands could exist. As you can see, this project does not cross any of these soils and wetlands should not pose a problem.

If this office may be of additional assistance, please do not hesitate to contact our office in Louisville, KY by calling the District Conservationist, Kurt Mason at 502-499-1900 ext. 3, or myself in Owensboro at 270-685-1707 ext. 131.

A handwritten signature in cursive script that reads "David A. Gehring".

DAVID A. GEHRING
Resource Soil Scientist, Owensboro, KY

Cc:
Kurt Mason, District Conservationist, Louisville, KY

**FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS**

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 8/12/11	4. Sheet 1 of 1		
1. Name of Project Ohio River Bridges		5. Federal Agency Involved US DOT - FHWA			
2. Type of Project New Road Construction		6. County and State Jefferson County, Kentucky			
PART II (To be completed by NRCS)		1. Date Request Received by NRCS 8/17/11	2. Person Completing Form David Gehring <i>David Gehring</i>		
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES ☒ NO ☐		4. Acres Irrigated Average Farm Size			
5. Major Crop(s) Corn, Soybeans	6. Farmable Land in Government Jurisdiction Acres: 66,794 % 27.3	7. Amount of Farmland As Defined in FPPA Acres: 53,420 % 21.8			
8. Name Of Land Evaluation System Used LESA	9. Name of Local Site Assessment System	10. Date Land Evaluation Returned by NRCS 8/31/11			
PART III (To be completed by Federal Agency)		Alternative Corridor For Segment <u>East End Kentucky</u>			
		Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly		5.3	5.3		
B. Total Acres To Be Converted Indirectly, Or To Receive Services		0	0		
C. Total Acres In Corridor		5.3	5.3		
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland		4.4	4.4		
B. Total Acres Statewide And Local Important Farmland		0	0		
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted		.008%	.008%		
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value		16.75%	16.75%		
PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)		78	78		
PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))		Maximum Points			
1. Area in Nonurban Use	15	5	5		
2. Perimeter in Nonurban Use	10	2	2		
3. Percent Of Corridor Being Farmed	20	20	20		
4. Protection Provided By State And Local Government	20	0	0		
5. Size of Present Farm Unit Compared To Average	10	10	10		
6. Creation Of Nonfarmable Farmland	25	0	0		
7. Availability Of Farm Support Services	5	5	5		
8. On-Farm Investments	20	20	20		
9. Effects Of Conversion On Farm Support Services	25	0	0		
10. Compatibility With Existing Agricultural Use	10	0	0		
TOTAL CORRIDOR ASSESSMENT POINTS		160	62	62	
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	78	78	
Total Corridor Assessment (From Part VI above or a local site assessment)		160	62	62	
TOTAL POINTS (Total of above 2 lines)		260	140	140	
1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES ☐ NO ☒		
5. Reason For Selection:					

Signature of Person Completing this Part:

DATE

NOTE: Complete a form for each segment with more than one Alternate Corridor

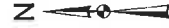
Ohio River Bridges

Prospect, KY Area

MUSYM	Map Unit Name	Farm	Count	Sum_acres
Hf	Huntington silt loam, frequently flooded	P	1	0.31
OtB	Otwood silt loam, 2 to 6 percent slopes	P	1	0.77
WhA	Wheeling loam, 0 to 2 percent slopes	P	2	3.04
WhB	Wheeling loam, 2 to 6 percent slopes	P	1	0.32
WkF	Wheeling loam, 25 to 55 percent slopes, occasionally flooded	NC	1	0.88
TOTAL				5.33 acres

Farm Legend	acres
P=Prime Farmland	4.45
NC=Not Classified	0.88

Jefferson County, KY



Prospect, KY area

 Soils

1 inch equals 1,666.67 feet

Created - 8/30/2011 by David Gehring
Soil Survey of Jefferson County, Kentucky
Soil Survey Version 10 - 9-21-2009
USDA-NRCS-NCGC 2010 NAIIP Ortho MrSID Mosaic

Jefferson County, KY



Prospect, KY area

150 foot Road Corridor

150 foot Road Corridor prior converted

 Soils

1:7,920

1 inch equals 660 feet

Created - 8/30/2011 by David Gehring
Soil Survey of Jefferson County, Kentucky
Soil Survey Version 10 - 9-21-2009
USDA-NRCS-NCGC 2010 NAIP Ortho Mosaic

Acreage and Proportionate Extent of the Soils

Jefferson County, Kentucky

Map symbol	Map unit name	Acres	Percent
AfB	Alford silt loam, 2 to 6 percent slopes	53	*
AfC	Alford silt loam, 6 to 12 percent slopes	301	0.1
AfD	Alford silt loam, 12 to 25 percent slopes	116	*
AfF	Alford silt loam, 25 to 50 percent slopes	109	*
BeB	Beasley silt loam, 2 to 6 percent slopes	2,393	0.9
BeC	Beasley silt loam, 6 to 12 percent slopes	6,458	2.5
BeD	Beasley silt loam, 12 to 25 percent slopes	1,206	0.5
Bo	Boonewood silt loam, occasionally flooded	2,532	1.0
CaB2	Caneyville silt loam, 2 to 6 percent slopes, eroded, very rocky	487	0.2
CaC2	Caneyville silt loam, 6 to 12 percent slopes, eroded, very rocky	1,044	0.4
CaD2	Caneyville silt loam, 12 to 25 percent slopes, eroded, very rocky	1,969	0.8
CcF2	Caneyville-Rock outcrop complex, 12 to 60 percent slopes, eroded	2,440	1.0
CeF	Carpenter silt loam, 20 to 50 percent slopes	6,718	2.6
Cm	Cemeteries	1,170	0.5
CnF	Chagrin-Nelse-Wheeling complex, 2 to 75 percent slopes, frequently flooded	661	0.3
Co	Combs fine sandy loam, occasionally flooded	204	*
CrA	Crider silt loam, 0 to 2 percent slopes	733	0.3
CrB	Crider silt loam, 2 to 6 percent slopes	7,061	2.8
CrC	Crider silt loam, 6 to 12 percent slopes	2,658	1.0
CrD	Crider silt loam, 12 to 20 percent slopes	900	0.4
DAM	Dam, large	79	*
Dp	Dumps, ash	668	0.3
EkA	Elk silt loam, 0 to 2 percent slopes	56	*
EkB	Elk silt loam, 2 to 6 percent slopes	180	*
EkC	Elk silt loam, 6 to 12 percent slopes	66	*
EkD	Elk silt loam, 12 to 25 percent slopes	23	*
EoA	Elk silt loam, 0 to 2 percent slopes, occasionally flooded	369	0.1
EoB	Elk silt loam, 2 to 6 percent slopes, occasionally flooded	611	0.2
EoC	Elk silt loam, 6 to 12 percent slopes, occasionally flooded	127	*
FaC	Faywood silt loam, 6 to 12 percent slopes	451	0.2
FaD	Faywood silt loam, 12 to 25 percent slopes	2,633	1.0
FeC3	Faywood silty clay loam, 6 to 12 percent slopes, severely eroded	202	*
FeD3	Faywood silty clay loam, 12 to 25 percent slopes, severely eroded	852	0.3
FsF	Faywood-Shrouts-Beasley complex, 25 to 50 percent slopes	5,299	2.1
GpD	Gilpin silt loam, 12 to 25 percent slopes	653	0.3
GwF	Gilpin-Weikert complex, 25 to 60 percent slopes	1,337	0.5
Ha	Huntington silt loam, occasionally flooded	153	*
Hf	Huntington silt loam, frequently flooded	378	0.1
LaA	Lawrence silt loam, 0 to 2 percent slopes	753	0.3
LaB	Lawrence silt loam, 2 to 6 percent slopes	508	0.2
LbA	Lawrence silt loam, 0 to 2 percent slopes, occasionally flooded	203	*
LbB	Lawrence silt loam, 2 to 6 percent slopes, occasionally flooded	175	*
Ld	Lindside silt loam, occasionally flooded	1,420	0.6

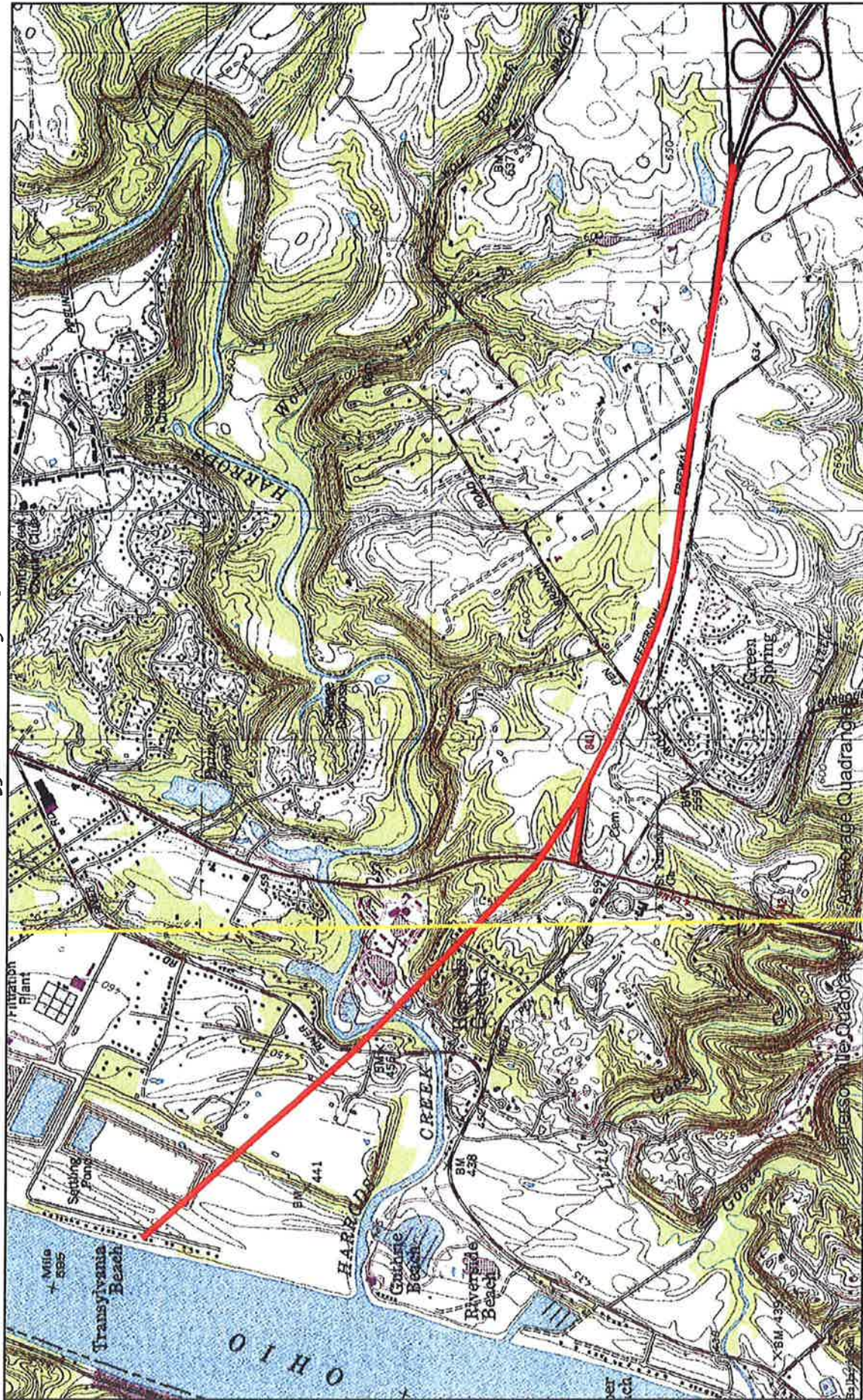
Acreage and Proportionate Extent of the Soils

Jefferson County, Kentucky

Map symbol	Map unit name	Acres	Percent
UbC	Urban land-Alfic Udarents complex, loamy substratum, 0 to 12 percent slopes	11,021	4.3
UbD	Urban land-Alfic Udarents complex, loamy substratum 12 to 25 percent slopes	54	*
UcC	Urban land-Alfic Udarents complex, loamy substratum-over hard bedrock, 0 to 12 percent slopes	655	0.3
UcF	Urban land-Alfic Udarents complex, loamy substratum-over hard bedrock, 12 to 50 percent slopes	290	0.1
UdC	Urban land-Alfic Udarents complex, loamy substratum, 0 to 12 percent slopes, rarely flooded	293	0.1
UeC	Urban land-Alfic Udarents complex, fragipan substratum-over loamy sediment, 0 to 12 percent slopes	4,850	1.9
UfC	Urban land-Alfic Udarents complex, fragipan substratum-over loamy sediment, 0 to 12 percent slopes, rarely flooded	19	*
UgC	Urban land-Alfic Udarents complex, fragipan substratum-over soft bedrock, 0 to 12 percent slopes	748	0.3
UhC	Urban land-Alfic Udarents complex, fragipan substratum-over hard bedrock, 0 to 12 percent slopes	4,662	1.8
UiC	Urban land-Alfic Udarents complex, clayey substratum-over soft bedrock, 0 to 12 percent slopes	1,758	0.7
UiD	Urban land-Alfic Udarents complex, clayey substratum-over soft bedrock, 12 to 25 percent slopes	867	0.3
UiF	Urban land-Ultic Udarents complex, clayey substratum-over soft bedrock, 25 to 50 percent slopes	612	0.2
UjC	Urban land-Alfic Udarents complex, clayey substratum-over hard bedrock, 0 to 12 percent slopes	10,931	4.3
UjD	Urban land-Alfic Udarents complex, clayey substratum-over hard bedrock, 12 to 25 percent slopes	1,865	0.7
UjF	Urban land-Alfic Udarents complex, clayey substratum-over hard bedrock, 25 to 60 percent slopes	214	*
UkC	Urban land-Alfic Udarents-Beasley complex, 0 to 12 percent slopes	1,339	0.5
UIC	Urban land-Alfic Udarents-Caneyville complex, 0 to 12 percent slopes	278	0.1
UID	Urban land-Alfic Udarents-Caneyville complex, 12 to 25 percent slopes	1,632	0.6
UmC	Urban land-Alfic Udarents-Crider complex, 0 to 12 percent slopes	18,780	7.4
UmD	Urban land-Alfic Udarents-Crider complex, 12 to 25 percent slopes	1,841	0.7
UnC	Urban land-Alfic Udarents-Elk complex, 0 to 12 percent slopes, rarely flooded	149	*
UoC	Urban land-Alfic Udarents-Lawrence complex, 0 to 12 percent slopes	2,193	0.9
UpC	Urban land-Alfic Udarents-Lawrence complex, 0 to 12 percent slopes, rarely flooded	100	*
UqC	Urban land-Alfic Udarents-Nicholson complex, 0 to 12 percent slopes	3,775	1.5
UrC	Urban land-Alfic Udarents-Otwood complex, 0 to 12 percent slopes	1,680	0.7
UsC	Urban land-Alfic Udarents-Otwood complex, 0 to 12 percent slopes, rarely flooded	108	*
UIC	Urban land-Alfic Udarents-Robertsville complex, 0 to 12 percent slopes	2,788	1.1
UuC	Urban land-Alfic Udarents-Sandview complex, 0 to 12 percent slopes	170	*
UvC	Urban land-Alfic Udarents-Sciotoville complex, 0 to 12 percent slopes	2,108	0.8
UwC	Urban land-Alfic Udarents-Shrouds complex, 0 to 12 percent slopes	227	*
UwD	Urban land-Alfic Udarents-Shrouds complex, 12 to 25 percent slopes	764	0.3
UxC	Urban land-Alfic Udarents-Weinbach complex, 0 to 12 percent slopes	258	0.1
UyC	Urban land-Alfic Udarents-Wheeling complex, 0 to 12 percent slopes	2,656	1.0
UyD	Urban land-Alfic Udarents-Wheeling complex, 12 to 25 percent slopes	12	*
UzC	Urban land-Alfic Udarents-Wheeling complex, 0 to 12 percent slopes, rarely flooded	247	*
W	Water	9,715	3.8
WeA	Weinbach silt loam, 0 to 2 percent slopes	408	0.2
WeB	Weinbach silt loam, 2 to 6 percent slopes	66	*
WfA	Weinbach silt loam, 0 to 2 percent slopes, occasionally flooded	82	*
WfB	Weinbach silt loam, 2 to 6 percent slopes, occasionally flooded	7	*
WhA	Wheeling loam, 0 to 2 percent slopes	643	0.3
WhB	Wheeling loam, 2 to 6 percent slopes	509	0.2
WhC	Wheeling loam, 6 to 12 percent slopes	434	0.2

Farmland Conversion Impact Rating

Jefferson County, KY



Prospect, KY area

Legend

- 24K Quad Boundary
- Road Work

Scale

1:24,000

1 inch equals 2,000 feet

Farmland Conversion Impact Rating

Jefferson County, KY



Legend

- 150 foot Road Corridor
- Not prime farmland
- All areas are prime farmland
- Prime farmland if drained
- Prime farmland if protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance

Scale

1:20,000
1 inch equals 1,666.67 feet

Prime Farmland Map

Prospect, KY area

United States Department of Agriculture

Natural Resources Conservation Service
3032 Alvey Park Drive West, Suite 2
Owensboro, KY 42303
(270) 685-1707



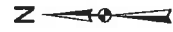
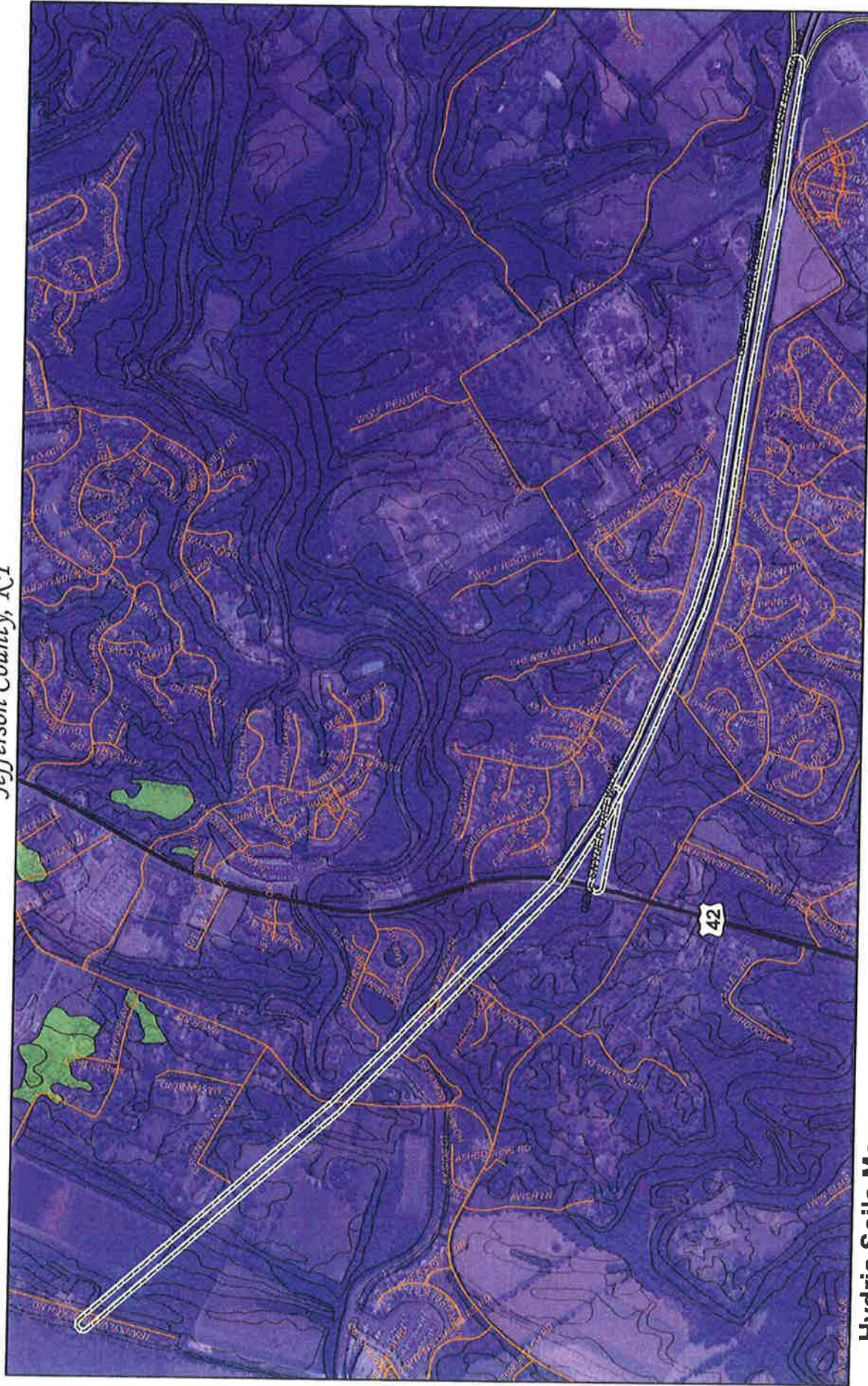
Prime and other Important Farmlands

Jefferson County, Kentucky

Map symbol	Map unit name	Farmland classification
AfB	Alford silt loam, 2 to 6 percent slopes	All areas are prime farmland
BeB	Beasley silt loam, 2 to 6 percent slopes	All areas are prime farmland
Bo	Boonewood silt loam, occasionally flooded	All areas are prime farmland
Co	Combs fine sandy loam, occasionally flooded	All areas are prime farmland
CrA	Crider silt loam, 0 to 2 percent slopes	All areas are prime farmland
CrB	Crider silt loam, 2 to 6 percent slopes	All areas are prime farmland
EkA	Elk silt loam, 0 to 2 percent slopes	All areas are prime farmland
EkB	Elk silt loam, 2 to 6 percent slopes	All areas are prime farmland
EoA	Elk silt loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
EoB	Elk silt loam, 2 to 6 percent slopes, occasionally flooded	All areas are prime farmland
Ha	Huntington silt loam, occasionally flooded	All areas are prime farmland
Ld	Lindside silt loam, occasionally flooded	All areas are prime farmland
NnA	Nicholson silt loam, 0 to 2 percent slopes	All areas are prime farmland
NnB	Nicholson silt loam, 2 to 6 percent slopes	All areas are prime farmland
No	Nollin silt loam, occasionally flooded	All areas are prime farmland
OtA	Otwood silt loam, 0 to 2 percent slopes	All areas are prime farmland
OtB	Otwood silt loam, 2 to 6 percent slopes	All areas are prime farmland
OwA	Otwood silt loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
OwB	Otwood silt loam, 2 to 6 percent slopes, occasionally flooded	All areas are prime farmland
SaB	Sandview silt loam, 2 to 6 percent slopes	All areas are prime farmland
ScA	Sciotoville silt loam, 0 to 2 percent slopes	All areas are prime farmland
ScB	Sciotoville silt loam, 2 to 6 percent slopes	All areas are prime farmland
SdA	Sciotoville silt loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
SdB	Sciotoville silt loam, 2 to 6 percent slopes, occasionally flooded	All areas are prime farmland
TJB	Tilsit silt loam, 2 to 6 percent slopes	All areas are prime farmland
WhA	Wheeling loam, 0 to 2 percent slopes	All areas are prime farmland
WhB	Wheeling loam, 2 to 6 percent slopes	All areas are prime farmland
WkA	Wheeling loam, 0 to 2 percent slopes, occasionally flooded	All areas are prime farmland
WkB	Wheeling loam, 2 to 6 percent slopes, occasionally flooded	All areas are prime farmland
WoA	Woolper silt loam, 0 to 2 percent slopes, rarely flooded	All areas are prime farmland
WoB	Woolper silt loam, 2 to 6 percent slopes, rarely flooded	All areas are prime farmland
AfC	Alford silt loam, 6 to 12 percent slopes	Farmland of statewide importance
BeC	Beasley silt loam, 6 to 12 percent slopes	Farmland of statewide importance
CrC	Crider silt loam, 6 to 12 percent slopes	Farmland of statewide importance
EkC	Elk silt loam, 6 to 12 percent slopes	Farmland of statewide importance
EoC	Elk silt loam, 6 to 12 percent slopes, occasionally flooded	Farmland of statewide importance
FaC	Faywood silt loam, 6 to 12 percent slopes	Farmland of statewide importance
NnC	Nicholson silt loam, 6 to 12 percent slopes	Farmland of statewide importance
OtC	Otwood silt loam, 6 to 12 percent slopes	Farmland of statewide importance
OwC	Otwood silt loam, 6 to 12 percent slopes, occasionally flooded	Farmland of statewide importance
SaC	Sandview silt loam, 6 to 12 percent slopes	Farmland of statewide importance
ScC	Sciotoville silt loam, 6 to 12 percent slopes	Farmland of statewide importance
TJC	Tilsit silt loam, 6 to 12 percent slopes	Farmland of statewide importance
WhC	Wheeling loam, 6 to 12 percent slopes	Farmland of statewide importance
WkC	Wheeling loam, 6 to 12 percent slopes, occasionally flooded	Farmland of statewide importance
WoC	Woolper silt loam, 6 to 12 percent slopes, rarely flooded	Farmland of statewide importance
LaA	Lawrence silt loam, 0 to 2 percent slopes	Prime farmland if drained
LaB	Lawrence silt loam, 2 to 6 percent slopes	Prime farmland if drained
LbA	Lawrence silt loam, 0 to 2 percent slopes, occasionally flooded	Prime farmland if drained

Farmland Conversion Impact Rating

Jefferson County, KY



Scale

1:20,000

1 inch equals 1,666.67 feet

Legend

150 foot Road Corridor

Partially Hydric

Not Hydric

Hydric Soils Map
Prospect, KY area

United States Department of Agriculture
Natural Resources Conservation Service
3032 Alvey Park Drive West, Suite 2
Owensboro, KY 42303
(270) 685-1707



Created - 8/30/2011 by David Gehring
Soil Survey of Jefferson County, Kentucky
Soil Survey Version 10 - 9-21-2009
USDA-NRCS-NCGC 2010 NALP Ortho Mosaic

Hydric Soils

Jefferson County, Kentucky

Map symbol and map unit name	Component	Percent of map unit	Landform	Hydric rating	Hydric criteria
LaA: Lawrence silt loam, 0 to 2 percent slopes	Robertsville	2	Ridges	Yes	2B3
LaB: Lawrence silt loam, 2 to 6 percent slopes	Robertsville	2	Ridges	Yes	2B3
LbA: Lawrence silt loam, 0 to 2 percent slopes, occasionally flooded	Robertsville	2	Stream terraces	Yes	2B3
LbB: Lawrence silt loam, 2 to 6 percent slopes, occasionally flooded	Robertsville	2	Stream terraces	Yes	2B3
Me: Melvin silt loam, occasionally flooded	Melvin	90	Flood plains	Yes	2B3
	Robertsville	2	Stream terraces	Yes	2B3
Mf: Melvin silt loam, frequently flooded	Melvin	90	Flood plains	Yes	2B3
	Robertsville	4	Stream terraces	Yes	2B3
Ne: Newark silt loam, occasionally flooded	Melvin	3	Flood plains	Yes	2B3
Nf: Newark silt loam, frequently flooded	Melvin	4	Flood plains	Yes	2B3
Pa: Patton silt loam, ponded	Patton	90	Stream terraces	Yes	2B3
	Melvin	2	Flood plains	Yes	2B3
	Robertsville	2	Stream terraces	Yes	2B3
	Zipp	2	Lake plains	Yes	2B3
RoA: Robertsville silt loam, 0 to 2 percent slopes	Robertsville	90	Ridges	Yes	2B3

Hydric Soils

- 1.) a water table at the surface (0.0 feet) during the growing season if textures are coarse sand, sand, or fine sand in all layers within a depth of 20 inches, or
- 2.) a water table at a depth of 0.5 foot or less during the growing season if permeability is equal to or greater than 6.0 in/hr in all layers within a depth of 20 inches, or
- 3.) a water table at a depth of 1.0 foot or less during the growing season if permeability is less than 6.0 in/hr in any layer within a depth of 20 inches.
3. Soils that are frequently ponded for long or very long duration during the growing season.
4. Soils that are frequently flooded for long or very long duration during the growing season.